



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas E. McEwan

Dkt. No.: TEM 0725-1

Ser. No.: 10/763,888

A.U.: 2618

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Exmr.: Sanh D. Phu

For: RF Transceiver Having a Directly Radiating Transistor

RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the office action of 10/12/06, the following remarks are submitted for reconsideration.

Claims 1-17 were presented for examination. Claims 1-10 and 13-17 were allowed, claim 11 was rejected and claim 12 was objected to. Claim 11 was rejected under 35 U.S.C. 102(b) as being anticipated by McEwan (U.S. Patent 6,191,724). The examiner stated that the '724 patent "discloses a method of radiating RF energy utilizing leads (158, 144) (see figure 6b) from a transistor (134) (see figure 6a) as the radiating elements or antennas...." However, element 144 is a "quarter-wave monopole antenna" (Col 11 line 59) and not a transistor package lead. Thus, RF energy is radiated from monopole antenna element 144 and not from a transistor package lead (e.g., element 158). Claim 11 recites "radiating RF energy utilizing leads from one or more transistors as radiating elements or antennas...." The '724 patent employs quarter-wave monopole antenna 144 for radiating RF energy, rather than transistor package leads, and thus does not anticipate claim 11. Therefore the examiner's rejection based on the cited prior art (McEwan) is respectfully traversed.

Dependent claim 12 should be allowed if parent claim 11 is allowed.